ABSTRACT OF DISCLOSURE

A system and methods for building and executing intelligent agents are disclosed. This system allows the automatic invocation of computerized software services using Boolean conditions to determine if and when a specific service or task is executed. Intelligent agents within the platform can communicate with each other through a message-handling infrastructure. The message-handing system includes methods for data encoding/decoding, encryption and transport across multiple protocols. This system also includes methods for event handling, task selection, agent mobility, and agent persistence. A graphical user interface helps individuals define and monitor agent activity.

This system is highly extendible, providing methods for the addition or inclusion of alternative agent services, message-handling approaches, event-handling systems and task-handling approaches.